

In the Claims:

1. (Currently Amended) A computing device comprising:

a display that is deflectable;

a memory to store a data collection, the data collection corresponding to a plurality of pages ~~of that are associated together in a sequence to form~~ a paginated content, wherein each page is individually presentable on the display;

a processor coupled to the display and the memory, the processor being configured to use data from the collection of data to present one or more pages from the plurality of pages on the display; and

a sensor device coupled to the processor to measure a deflection of the display;
_____ wherein the processor uses the sensor device to determine a deflection value that coincides with the measured deflection of the display, and

wherein the processor is configured to use the deflection value to determine at least a rate at which at least portions of individual pages in the plurality of pages are presented in a sequence on the display.

Claims 2-3: Cancelled

4. (Previously Amended) The computing device of claim 1, wherein the sensor device measures an analog value corresponding to a deflection of the sensor device.

5. (Previously Amended) The computing device of claim 1, wherein the sensor device is integrated with the display.

6. (Original) The computing device of claim 5, wherein at least a first area of the display is overlaid on the sensor device to deflect with the sensor device.

7. (Previously Amended) The computing device of claim 5, wherein the sensor device is deflectable, and wherein the display is deflectable to be able to bend with the sensor device.

8. (Previously Amended) The computing device of claim 4, wherein the analog value correlates to a magnitude of the deflection.

9. (Original) The computing device of claim 8, wherein the magnitude of the deflection determines a frequency at which the portions of the multiple pages are presented on the display.

10. (Original) The computing device of claim 1, wherein the processor displays during an interval at least portions of a current page and a subsequent page, the subsequent page having a proximity to the current page in a pre-determined order of the data collection, and wherein the analog value indicates the proximity of the subsequent page to the current page.

11. (Original) The computing device of claim 10, wherein a length of the interval is determined by the analog value.

12. (Previously Amended) The computing device of claim 11, wherein the interval corresponds to when the display is deflected.

13. (Previously Amended) The computing device of claim 4, further comprising an analog to digital converter to signal the processor a digital value corresponding to the analog value measured by the sensor device.

14. (Original) The computing device of claim 1, further comprising a digitizer coupled to the display.

15. (Original) The computing device of claim 14, wherein the sensor device is unitarily formed with the digitizer.

16. (Original) The computing device of claim 14, wherein the display is overlaid on the digitizer, and the sensor device is connected to the digitizer and positioned underneath the digitizer.

17. (Currently Amended) A computing device comprising:

a deflectable display;

a memory to store a data collection, the data collection representing a plurality of pages that are associated together in a sequence to form a paginated content, wherein each page is that are independently presentable on the display;

a processor coupled to the display and the memory, the processor configured to use data from the data collection to present at least portions of one or more pages from the plurality of pages; and

a sensor device coupled to the display to detect a deflection of the display, the sensor device communicating a deflection value corresponding to the deflection of the display to the processor;

wherein the processor is configured to use the deflection value to identify a set of pages in the plurality of pages, and based on the deflection value, the processor sequentially presents at least portions from one or more pages in the identified set of pages on a first area of the display.

18. (Original) The computing device of claim 17, wherein a current page is presented on the display when the sensor device detects the deflection of the display, and wherein the processor identifies the set of pages using the deflection value.

19. (Original) The computing device of claim 18, wherein the display includes a plurality of discrete elements, and wherein for each page, the memory stores a value to the discrete elements of the display when that page is presented on the display.


20. (Original) The computing device of claim 19, wherein the first area of the display includes discrete elements that are sequentially assigned values from the select pages in the set of pages.

21. (Original) The computing device of claim 20, wherein a second area of the display includes discrete elements that are assigned values from a current page while the discrete elements of the first area are sequentially assigned values from the select pages in the set of pages.

22. (Original) The computing device of claim 21, wherein the select pages in the identified set appears sequentially on the first portion of the display according to a predetermined order of the plurality of pages.

23. (Original) The computing device of claim 17, wherein the processor is configured to sequentially assign the discrete elements in the first area of the display corresponding values stored for select pages in the data collection so that the discrete elements are sequentially assigned values from one of the select pages in the identified set of pages.

24. (Original) The computing device of claim 17, wherein the processor sequentially assigns values to each of the discrete elements in the first area of the display while the display is being deflected, the value assigned to each discrete element corresponding to one of the select pages in the identified set of pages.

 25. (Original) The computing device of claim 17, wherein for each of the select pages, the processor signals only some of the discrete elements in the first area of the display values from that page.

26. (Original) The computing device of claim 25, wherein the plurality of discrete elements are arranged into rows and columns to form the display, and the processor assigns only some of the rows in the first area of the display values stored with each of the multiple pages.

27. (Currently Amended) A method for displaying information on a computing device assembly, the method comprising:

measuring a deflection of a surface of the computing device assembly;

accessing a data collection, the data collection ~~being segmented into~~ including a
plurality of pages that are associated together in a sequence to form a paginated content;
in response to measuring the deflection,

selecting multiple pages from the plurality of pages using the measured deflection; then

displaying at least portions of the multiple pages sequentially over an interval of time at a rate determined at least in part by the deflection; and

wherein measuring the deflection of the surface includes measuring a deflection of a display for the computing device.

28. (Cancelled)

29. (Cancelled)

30. (Original) The method of claim 27, further comprising implementing a frequency at which each of the multiple pages are sequentially displayed, wherein the frequency is based on the measured deflection.

31. (Original) The method of claim 27, wherein the plurality of pages are arranged into an order, and wherein the method includes displaying at least portions of the multiple pages sequentially according to the order of the plurality of pages.

32. (Original) The method of claim 30, wherein the frequency is proportional to the measured deflection.

33. (Currently Amended) A method for displaying information on a computing device assembly, the method comprising:

measuring a deflection of a surface of the computing device assembly;

accessing a data collection, the data collection ~~being segmented into~~ including a plurality of pages that are associated together in a sequence to form a paginated content;

in response to measuring the deflection,
selecting multiple pages from the plurality of pages using the measured deflection; then
displaying at least portions of the multiple pages sequentially over an interval of time at a rate determined at least in part by the deflection; and
wherein measuring the deflection of the surface includes measuring a deflection of a display for the computing device;
wherein the frequency is proportional to the measured deflection;
wherein the predetermined order indicates a position of each page relative to the other pages, and wherein displaying at least portions of the multiple pages includes displaying portions of selected pages that are separated by other pages in the predetermined order.

34. (Original) The method of claim 33, wherein displaying at least portions of selected pages includes displaying the selected pages sequentially according to a direction of the selected pages in the predetermined order.

35. (Original) The method of claim 33, including displaying portions of the multiple pages sequentially according to a decreasing direction of the numbers for the multiple pages

36. (Original) The method of claim 33, wherein measuring a deflection includes determining an analog value corresponding to a magnitude of the deflection.

37. (Currently Amended) A handheld computing assembly comprising:

a handheld computer comprising a deflectable display, a processor coupled to the display, and a memory, the memory storing a data collection representing a plurality of pages that are associated together in a sequence to form a paginated content, wherein each page is independently presentable on the display, wherein the processor is configured to use data from the data collection to present at least portions of individual pages; and

an analog input device coupled to the handheld computer, the analog input device including a sensor device that is deflectable and deflects when the display is deflected, wherein the sensor device indicates a deflection value to the processor when deflected;

wherein the processor uses the deflection value to determine which pages from the plurality of pages to sequentially display on at least a portion of the display.

38. (Currently Amended) A peripheral device for a handheld computer, the handheld computer comprising a display, a processor coupled to the display, and a memory, wherein the memory ~~storing~~ stores a data collection that represents a plurality of pages that are associated together in a sequence to form a paginated content, wherein each page is independently presentable on the display, wherein the processor is configured to access the memory and to signal the display to individually present one or more of the plurality of pages, wherein the peripheral device comprises:

a communication port to extend communications between the peripheral device and the handheld computer; and

an analog input device coupled to the processor of the handheld computer via the communication port, the analog input device including a deflectable sensor device that signals a deflection value to the processor when deflected, the deflection value causing

the processor to sequentially display at least portions of multiple pages from the plurality of pages on at least a portion of the display of the handheld computer;

wherein the analog input device generates data to enable the processor to display during the interval at least portions of a current page and a subsequent page, the subsequent page having a proximity to the current page in a pre-determined order of the data collection, and wherein the analog value determines the subsequent page by determining the proximity of the subsequent page to the current page based on the deflection value.

39. (Previously Amended) A method for displaying information on a computing device assembly, the method comprising:

measuring an analog input from a user corresponding to a deflection of a display on the computing device assembly;

accessing a memory to identify data representing a plurality of pages from a data collection;

in response to receiving the analog input;

selecting data representing multiple pages from the data collection based on a value of the analog input; then

sequentially displaying at least portions of the multiple pages at a rate determined at least in part by the deflection of the display.

40. (Previously Amended) The method of claim 39 wherein displaying at least portions of the multiple includes selecting data representing the multiple pages based on the value of the analog input.

41. Previously Cancelled

42. (Original) The method of claim 39 wherein the multiple pages are arranged into a predetermined order, and the method includes displaying at least portions of the multiple pages in a sequence based on the predetermined order.

43. (Previously Amended) A computing device comprising:

a display that is deflectable;

a processor configured to signal the display to sequentially present a plurality of pages; and

a mechanism that deflects with the display to indicate a value of the display's deflection, wherein the processor is configured to select one or more pages from the plurality of pages to appear as content on the display at a given moment based at least in part on the value of the deflection.

44. (Original) The computing device of claim 43, wherein the processor is configured to present individual pages of the content on the display, and wherein the input mechanism deflects to indicate to the processor to present another page of the paginated content on the display.

45. (Original) The computing device of claim 44, wherein the input mechanism deflects to signal the processor to present a series of pages of the paginated content on the display at a rate determined at least in part by the value of the display's deflection.

46. (Original) The computing device of claim 43, wherein the input mechanism deflects to detect an analog value.

47. (Currently Amended) A computing device comprising:

a display;

a memory to store a data collection, the data collection representing a plurality of pages that are associated together in a sequence to form a paginated content, wherein each page is independently presentable on the display;

a processor coupled to the display and the memory, the processor being configured to use the data in the data collection to present the pages on the display; and

a sensor device coupled to the processor, the sensor device sensing a deflection of a member to signal the processor a deflection value, the deflection value causing the processor to sequentially present at least portions of multiple pages on the display over an interval of time, wherein a rate at which at least portions of individual pages of the multiple pages are displayed is based at least in part on the deflection value;

wherein the display is deflectable and coupled to the sensor device so as to deflect with the sensor device.

48. (Previously Added) The computing device of claim 47, wherein the member is a component of the sensor device.

49. (Previously Added) The computing device of claim 47, wherein the sensor device measures an analog value corresponding to a deflection of the sensor device.

50. (Previously Added) The computing device of claim 47, wherein the sensor device is integrated with the display.

51. (Previously Added) The computing device of claim 50, wherein at least a first area of the display is overlaid on the sensor device to deflect with the sensor device.

52. (Previously Added) The computing device of claim 50, wherein the e display is deflectable so as to be able to bend with the sensor device.

53. (Previously Added) The computing device of claim 49, wherein the analog value correlates to a magnitude of the deflection.

54. (Previously Added) The computing device of claim 53, wherein the magnitude of the deflection determines a frequency at which the portions of the multiple pages are presented on the display.

55. (Previously Added) The computing device of claim 47, wherein the processor displays during the interval at least portions of a current page and a subsequent page, the subsequent page having a proximity to the current page in a pre-determined order of the data collection, and wherein the analog value determines the subsequent page by determining the proximity of the subsequent page to the current page, the proximity being based at least in part by the deflection value.

56. (Previously Added) The computing device of claim 55, wherein a length of the interval is determined by the analog value.

57. (Previously Added) The computing device of claim 56, wherein the interval corresponds to when the display is deflected.

58. (Previously Added) The computing device of claim 49, further comprising an analog to digital converter to signal the processor a digital value corresponding to the analog value measured by the sensor device.

59. (Previously Added) The computing device of claim 47, further comprising a digitizer coupled to the display.

60. (Previously Added) The computing device of claim 59, wherein the sensor device is unitarily formed with the digitizer.

61. (Previously Added) The computing device of claim 59, wherein the display is overlaid on the digitizer, and the sensor device is connected to the digitizer and positioned underneath the digitizer.

Claims 62-64: Cancel
